(Not for submission under 37 CFR 1.99)

Of

Sheet

1

**8** 5

| Application Number     | 10/787,073          |
|------------------------|---------------------|
| Filing Date            | February 24, 2004   |
| First Named Inventor   | Michael T. Carley   |
| Art Unit               | 3773                |
| Examiner Name          | Melanie Ruano Tyson |
| Attorney Docket Number | 16497.1.1.2.1       |

|   | U.S. PATENT APPLICATIONS |                 |             |                                     |   |  |
|---|--------------------------|-----------------|-------------|-------------------------------------|---|--|
| Examiner<br>Initials*                   | Cite<br>No.              | Document Number | Filing Date | Name of Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
| /MT/                                    | 1                        | 61/015144       | 12/19/2007  | Mackiewicz et al.                   |   |  |
| 2000000                                 | 2                        | 61/109822       | 10/30/2008  | Mehl et al.                         |   |  |
| 000000                                  | 3                        | 61/143748       | 1/9/2009    | Mehl et al.                         |   |  |
| 000000000                               | 4                        | 61/143751       | 1/9/2009    | Voss et al.                         |   |  |
| 000000000000000000000000000000000000000 | 5                        | 61/145468       | 1/16/2009   | Fortson, et al.                     |   |  |
| 9000000                                 | 6                        | 09/610128       | 7/5/2000    | Kerievsky                           |   |  |
| 0000                                    | 7                        | 12/548274       | 8/26/2009   | Clark                               |   |  |
| 00000000                                | 8                        | 12/724304       | 3/15/2010   | Fortson                             |   |  |
| V                                       | 9                        | 12/848642       | 8/2/2010    | Fortson et al.                      |   |  |

|   | U.S. PATENTS |               |            |   |   |  |  |
|---|--------------|---------------|------------|---|---|--|--|
| Examiner<br>Initials*                   | Cite<br>No.  | Patent Number | Issue Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |
| /MT/                                    | 10           | 4,902,508     | 2/20/1990  | Badylak et al.                                  |   |  |  |
| 9000000                                 | 11           | 5,078,731     | 1/7/1992   | Hayhurst  |   |  |  |
| 00000000                                | 12           | 5,281,422     | 1/25/1994  | Badylak et al.                                  |   |  |  |
| 00000000                                | 13           | 5,573,784     | 11/12/1996 | Badylak et al.                                  |   |  |  |
| 0000000                                 | 14           | 5,891,088     | 4/6/1999   | Thompson et al                                  |   |  |  |
|   | 15           | 6,010,517     | 1/4/2000   | Baccaro   |   |  |  |
| 9999999                                 | 16           | 6,015,815     | 1/18/2000  | Mollison  |   |  |  |
| 000000                                  | 17           | 6,059,825     | 5/9/2000   | Hobbs et al.                                    |   |  |  |
| 000000                                  | 18           | 6,117,157     | 9/12/2000  | Tekulve   |   |  |  |
| 8888                                    | 19           | 6,171,277     | 1/9/2001   | Ponzi   |   |  |  |
| 2000000                                 | 20           | 6,171,329     | 1/9/2001   | Shaw et al.                                     |   |  |  |
| 00000000                                | 21           | 6,193,708     | 2/27/2001  | Ken et al.                                      |   |  |  |
| 000000000000000000000000000000000000000 | 22           | 6,198,974     | 3/6/2001   | Webster, Jr.                                    |   |  |  |
| 4                                       | 23           | 6,206,931     | 3/27/2001  | Cook et al.                                     |   |  |  |
| V                                       | 24           | 6,210,407     | 4/3/2001   | Webster   |   |  |  |

(Not for submission under 37 CFR 1.99)

Of

Sheet

2

| Application Number     | 10/787,073          |  |
|------------------------|---------------------|--|
| Filing Date            | February 24, 2004   |  |
| First Named Inventor   | Michael T. Carley   |  |
| Art Unit               | 3773                |  |
| Examiner Name          | Melanie Ruano Tyson |  |
| Attorney Docket Number | 16497.1.1.2.1       |  |

|                       | U.S. PATENTS |               |            |   |   |  |
|-----------------------|--------------|---------------|------------|---|---|--|
| Examiner<br>Initials* | Cite<br>No.  | Patent Number | Issue Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
| /MT/                  | 25           | 6,245,079     | 6/12/2001  | Nobles et al.                                   |   |  |
| 80000000              | 26           | 6,328,727     | 12/11/2001 | Frazier et al.                                  |   |  |
| 990000000             | 27           | 6,329,386     | 12/11/2001 | Mollison  |   |  |
| 00000000              | 28           | 6,375,671     | 4/23/2002  | Kobayashi et al.                                |   |  |
| 00000000              | 29           | 6,425,911     | 7/30/2002  | Akerfeldt et al.                                |   |  |
| 00000000              | 30           | 6,508,828     | 1/21/2003  | Akerfeldt et al.                                |   |  |
| 20000000              | 31           | 6,551,319     | 4/22/2003  | Lieberman                                       |   |  |
| 00000000              | 32           | 6,596,012     | 7/22/2003  | Akerfeldt et al.                                |   |  |
| 00000000              | 33           | 6,712,837     | 3/30/2004  | Akerfeldt et al.                                |   |  |
| 00000000              | 34           | 6,786,915     | 9/7/2004   | Akerfeldt et al.                                |   |  |
| 00000000              | 35           | 6,790,218     | 9/14/2004  | Jayaraman                                       |   |  |
| 000000000             | 36           | 6,790,220     | 9/14/2004  | Morris et al.                                   |   |  |
| 0000000000            | 37           | 6,860,895     | 3/1/2005   | Akerfeldt et al.                                |   |  |
| V                     | 38           | 7,311,720     | 12/25/2007 | Mueller et al.                                  |   |  |

5

|   | U.S. PATENT APPLICATION PUBLICATIONS |                    |                  |   |   |  |  |
|---|--------------------------------------|--------------------|------------------|---|---|--|--|
| Examiner<br>Initials*                   | Cite<br>No.                          | Publication Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |
| /MT/                                    | 39                                   | 20020183786        | 12/5/2002        | Girton  |   |  |  |
|   | 40                                   | 20030045893        | 3/6/2003         | Ginn  |   |  |  |
|   | 41                                   | 20030055455        | 3/20/2003        | Yang et al.                                     |   |  |  |
|   | 42                                   | 20040068273        | 4/8/2004         | Fariss et al.                                   |   |  |  |
| 000000000000000000000000000000000000000 | 43                                   | 20040158309        | 8/12/2004        | Wachter et al.                                  |   |  |  |
| 000000                                  | 44                                   | 20040249412        | 12/9/2004        | Snow et al.                                     |   |  |  |
| 000000                                  | 45                                   | 20050038460        | 2/17/2005        | Jayaraman                                       |   |  |  |
| 00000000                                | 46                                   | 20050038500        | 2/17/2005        | Boylan et al.                                   |   |  |  |
| 000000000000000000000000000000000000000 | 47                                   | 20050187564        | 8/25/2005        | Jayaraman                                       |   |  |  |
| 0000000                                 | 48                                   | 20060206146        | 9/14/2006        | Tenerez   |   |  |  |
| V                                       | 49                                   | 20070083230        | 4/12/2007        | Javois  |   |  |  |

(Not for submission under 37 CFR 1.99)

Of

Sheet

3

**§** 5

| Application Number     | 10/787,073          |  |
|------------------------|---------------------|--|
| Filing Date            | February 24, 2004   |  |
| First Named Inventor   | Michael T. Carley   |  |
| Art Unit               | 3773                |  |
| Examiner Name          | Melanie Ruano Tyson |  |
| Attorney Docket Number | 16497.1.1.2.1       |  |

|   | U.S. PATENT APPLICATION PUBLICATIONS |                    |                  |   |   |  |  |  |
|---|--------------------------------------|--------------------|------------------|---|---|--|--|--|
| Examiner<br>Initials*                   | Cite<br>No.                          | Publication Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |  |
| /MT/                                    | 50                                   | 20070112304        | 5/17/2007        | Voss  |   |  |  |  |
| 2000                                    | 51                                   | 20070179527        | 8/2/2007         | Eskuri et al.                                   |   |  |  |  |
| 200000                                  | 52                                   | 20070203507        | 8/30/2007        | McLaughlin et al.                               |   |  |  |  |
| *************************************** | 53                                   | 20070225755        | 9/27/2007        | Preinitz et al.                                 |   |  |  |  |
| 300000                                  | 54                                   | 20070225756        | 9/27/2007        | Preinitz et al.                                 |   |  |  |  |
| 0000000                                 | 55                                   | 20070225757        | 9/27/2007        | Preinitz et al.                                 |   |  |  |  |
| 0000000                                 | 56                                   | 20070225758        | 9/27/2007        | Preinitz et al.                                 |   |  |  |  |
| 222                                     | 57                                   | 20070239209        | 10/11/2007       | Fallman   |   |  |  |  |
| 0000000                                 | 58                                   | 20070265658        | 11/15/2007       | Nelson et al.                                   |   |  |  |  |
| 0000000                                 | 59                                   | 20070276488        | 11/29/2007       | Wachter et al.                                  |   |  |  |  |
| 00000000                                | 60                                   | 20080004640        | 1/3/2008         | Ellingwood                                      |   |  |  |  |
| 0000000                                 | 61                                   | 20080114395        | 5/15/2008        | Mathisen et al.                                 |   |  |  |  |
| 000000                                  | 62                                   | 20080300628        | 12/4/2008        | Ellingwood                                      |   |  |  |  |
| 0000000                                 | 63                                   | 20080312740        | 12/18/2008       | Wachter et al.                                  |   |  |  |  |
| 0000000                                 | 64                                   | 20090187215        | 7/23/2009        | Mackiewicz et al.                               |   |  |  |  |
| 00000000                                | 65                                   | 20090287244        | 11/19/2009       | Kokish  |   |  |  |  |
| 00000000                                | 66                                   | 20100114159        | 5/6/2010         | Roorda et al.                                   |   |  |  |  |
| 000000                                  | 67                                   | 20100114156        | 5/6/2010         | Mehl  |   |  |  |  |
| 000000000                               | 68                                   | 20100179571        | 7/15/2010        | Voss  |   |  |  |  |
| 00000000                                | 69                                   | 20100179567        | 7/15/2010        | Voss et al.                                     |   |  |  |  |
| 00000000                                | 70                                   | 20100179589        | 7/15/2010        | Roorda et al.                                   |   |  |  |  |
| 000000000                               | 71                                   | 20100179590        | 7/15/2010        | Fortson et al.                                  |   |  |  |  |
|   | 72                                   | 20100179572        | 7/15/2010        | Voss et al.                                     |   |  |  |  |
| V                                       | 73                                   | 20100185234        | 7/22/2010        | Fortson, et al.                                 |   |  |  |  |

(Not for submission under 37 CFR 1.99)

Of

Ø\*

5

Sheet

4

| Application Number     | 10/787,073          |  |
|------------------------|---------------------|--|
| Filing Date            | February 24, 2004   |  |
| First Named Inventor   | Michael T. Carley   |  |
| Art Unit               | 3773                |  |
| Examiner Name          | Melanie Ruano Tyson |  |
| Attorney Docket Number | 16497.1.1.2.1       |  |

|                       | FOREIGN PATENT DOCUMENTS |                         |                  |              |   |             |  |
|-----------------------|--------------------------|-------------------------|------------------|--------------|---|-------------|--|
| Examiner<br>Initials* | Cite<br>No.              | Foreign Patent Document | Publication Date | Country Code | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T 1         |  |
| /MT/                  | 74                       | DE102006056283          | 6/5/2008         | DE           |   | $\boxtimes$ |  |
| 0000000               | 75                       | EP 1 867 287            | 12/19/2007       | EP           |   |             |  |
| 00000000              | 76                       | WO 04/12602             | 2/12/2004        | WO           |   |             |  |
| 00000000              | 77                       | WO 05/006990            | 1/27/2005        | WO           |   |             |  |
|                       | 78                       | WO 05/110240            | 11/24/2005       | WO           |   |             |  |
|                       | 79                       | WO 07/88069             | 8/9/2007         | WO           |   |             |  |
| 00000000              | 80                       | WO 08/036384            | 3/27/2008        | WO           |   |             |  |
| 00000000              | 81                       | WO 08/074027            | 6/19/2008        | WO           |   |             |  |
| 90000000              | 82                       | WO 08/150915            | 12/11/2008       | WO           |   |             |  |
| ооообоох              | 83                       | WO 10/062693            | 6/3/2010         | WO           |   |             |  |
| 0000000               | 84                       | WO 10/081101            | 7/15/2010        | WO           |   |             |  |
| 000000000             | 85                       | WO 10/081102            | 7/15/2010        | WO           |   |             |  |
|                       | 86                       | WO 10/081103            | 7/15/2010        | WO           |   |             |  |
|                       | 87                       | WO 10/081106            | 7/15/2010        | WO           |   |             |  |
| V                     | 88                       | WO 99/40849             | 8/19/1999        | WO           |   |             |  |

|                      | OFFICE ACTION / NOTICE OF ALLOWANCE / ISSUE NOTIFICATION DOCUMENTS |                    |            |                     |  |  |  |
|----------------------|--|--------------------|------------|---------------------|--|--|--|
| Examine<br>Initials* | r Cite<br>No.  | Application Number | Mail Date  | Document            |  |  |  |
| /MT/                 | 89   | 10/006400          | 08/02/2010 | Notice of Allowance |  |  |  |
| 20000000             | 90   | 10/517004          | 08/03/2010 | Notice of Allowance |  |  |  |
|                      | 91   | 10/541083          | 08/17/2010 | Notice of Allowance |  |  |  |
|                      | 92   | 10/682459          | 04/28/2010 | Office Action       |  |  |  |
|                      | 93   | 11/048503          | 07/30/2010 | Notice of Allowance |  |  |  |
|                      | 94   | 11/427309          | 5/28/2008  | Office Action       |  |  |  |
|                      | 95   | 11/427309          | 1/2/2009   | Office Action       |  |  |  |
|                      | 96   | 11/427309          | 4/20/2009  | Office Action       |  |  |  |
|                      | 97   | 11/427309          | 11/6/2009  | Office Action       |  |  |  |
| V                    | 98   | 11/427309          | 4/26/2010  | Office Action       |  |  |  |

(Not for submission under 37 CFR 1.99)

Of

Sheet

5

| Application Number     | 10/787,073          |  |
|------------------------|---------------------|--|
| Filing Date            | February 24, 2004   |  |
| First Named Inventor   | Michael T. Carley   |  |
| Art Unit               | 3773                |  |
| Examiner Name          | Melanie Ruano Tyson |  |
| Attorney Docket Number | 16497.1.1.2.1       |  |

| OFFICE ACTION / NOTICE OF ALLOWANCE / ISSUE NOTIFICATION DOCUMENTS |             |                    |            |               |  |  |
|--|-------------|--------------------|------------|---------------|--|--|
| Examiner Initials*   | Cite<br>No. | Application Number | Mail Date  | Document      |  |  |
| /MT/   | 99          | 11/757108          | 11/25/2009 | Office Action |  |  |

**y** 5

| EXAMINER SIGNATURE  |                 |                 |            |  |  |  |
|---|-----------------|-----------------|------------|--|--|--|
| Examiner Signature  | /Melanie Tyson/ | Date Considered | 09/30/2010 |  |  |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |                 |            |  |  |  |
| <sup>1</sup> Applicant is to place a check mark here if English language translation is attached.   |                 |                 |            |  |  |  |